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Data compression using adaptive coding and partial string matchingJ Cleary, I Witten · Communications, IEEE Transactions on, 2002 · [ieeexplore.ieee.org](#)

... The **structure** of this paper is as follows. ... Page 2. CLEARY AND WITTEN: **DATA COMPRESSION** 397 ... Adaptive **Transmission** of the Model Arithmetic coding commonly uses fixed probabilities, contingent on the current context, which are derived from statistical analysis of text. ...

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Method and apparatus for dynamic image data transmission

M Shinoda · US Patent 5,680,322, 1997 · Google Patents

... When dynamic image signals are compression-coded A fourth aspect of the present invention is directed to an using a coding **method** in which an error occurring in a ... 7 is a block diagram showing the **structure** of the accumulated, therefore **data transmission** with small error ...

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Block coding scheme for reduction of peak to mean envelope power ratio of multicarrier transmission schemesAE Jones, TA Wilkinson... · Electronics Letters, 2002 · [ieeexplore.ieee.org](#)

... BINGHAM, IA c.: Multicarrier modulation for **data transmission**: an idea whose time has come ... We show that the performance of this **structure** is superior to conventional schemes under ... Introduction: In digital cellular systems, the **transmission** perform- ance is severely distorted by ...

Cited by 416 · Related articles · BL Direct · All 3 versions

Method and apparatus for controlling access in a data transmission system

AJ Kulczycky... · US Patent 4,484,306, 1984 · Google Patents

... A detailed description of the **structure** and operation of 45 the modems 20 and 22 is readily ... It will also be appreciated by those skilled in the art that any other suitable **transmission** means may ... In a typical prior art **data** processing system, the host computer 14 is connected to the ...

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Method for automatic initiation of data transmission

B Petersen, DR Brown... · US Patent 5,732,094, 1998 · Google Patents

... 7/1989 Gulick et al 370/94 includes logic for initiating **transmission** of the ... naDfse-tC12I21 63 ReceiveDna 67 TransnlDna Au'tononous Access Address Bus **Structure** FIG.-4A ... 13 base address 0x0 0xc00 0x2000 0x7800 0x7c00 0x7d00 0x7e00 Transnl **Data** Buffer Transnl ...

Cited by 36 · Related articles · All 2 versions

Space-time codes for high data rate wireless communication: Performance criterion and code constructionV Tarokh, N Seshadri... · IEEE transactions on ... , 1998 · [ieeexplore.ieee.org](#)

... Diversity: The fact that waves transmitted on different frequencies induce different multipath **structure** in the ... We shall derive a design criterion for constructing codes under this **transmission** scenario. ... We thus only allow coding inside a frame of **data** as coding across different ...

Cited by 5015 · Related articles · BL Direct · All 43 versions

Apparatus and method for digital data transmission over video cable using orthogonal cyclic

SS Rakib ... · US Patent 5,793,759, 1998 · Google Patents

... 11, 1998 [54] APPARATUS AND **METHOD** FOR DIGITAL **DATA TRANSMISSION** OVER VIDEO

CABLE USING ORTHOGONAL CYCLIC CODES [75] Inventors: Selim Shlomo Rakib; Yehuda Azenkot, both of Cupertino, Calif. [73] Assignee: Terayon Corporation. ...

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Data transmission over a time division duplex channel

R Shepherd, FCG Owen... - US Patent 5,117,423, 1992 - Google Patents

... DIVISION DUPLEX CHANNEL FIELD OF THE INVENTION The present invention relates to **data transmission** over a ... example of a digital cordless tele- phone system and the channel and message **structure**. ... wideband landline link 10,11,12 and 13, capable of carrying **data** at a ...

Cited by 55 - Related articles - All 2 versions

[CITATION] Estimates of error rates for codes on burst-noise channels

EO Elliott - Bell Syst. Tech. J, 1963

Cited by 626 - Related articles

Self-describing object providing dynamic manipulation of heterogeneous **data** values and **sema** identity between memory and **transmission** representations

LM Dyer... - US Patent 5,754,849, 1998 - Google Patents

... The **transmission** medium may be any conventional **transmission** substrate, such as wire, fiber optics, an infrared signal, a wireless signal, or ... the memory representation of this second instance of the value object 104i> is identical in semantic **structure** to the **data** stream 112 ...

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